



FortiClient (Linux) - Release Notes

Version 6.0.2

FORTINET DOCUMENT LIBRARY

<https://docs.fortinet.com>

FORTINET VIDEO GUIDE

<https://video.fortinet.com>

FORTINET BLOG

<https://blog.fortinet.com>

CUSTOMER SERVICE & SUPPORT

<https://support.fortinet.com>

FORTINET COOKBOOK

<http://cookbook.fortinet.com>

FORTINET TRAINING & CERTIFICATION PROGRAM

<https://www.fortinet.com/support-and-training/training.html>

NSE INSTITUTE

<https://training.fortinet.com>

FORTIGUARD CENTER

<https://fortiguard.com/>

END USER LICENSE AGREEMENT

<https://www.fortinet.com/doc/legal/EULA.pdf>

FEEDBACK

Email: techdocs@fortinet.com



September 21, 2018

FortiClient (Linux) 6.0.2 Release Notes

04-602-509680-20180921

TABLE OF CONTENTS

Change Log	4
Introduction	5
What's New in FortiClient (Linux) 6.0.2	6
Display notification messages	6
Installation Information	7
Installing FortiClient (Linux)	7
Installing FortiClient (Linux) from repo.fortinet.com	7
Installing FortiClient (Linux) using a downloaded installation file	8
Installation folder and running processes	8
Uninstalling FortiClient (Linux)	9
Product Integration and Support	10
FortiClient 6.0.2 support	10
Resolved Issues	11
Endpoint Control	11
Vulnerability Scan	11
GUI	11
Known Issues	12
Malware Protection	12
GUI	12
Other	12

Change Log

Date	Change Description
2018-09-07	Initial release.
2018-09-21	Updated Installation Information on page 7.

Introduction

FortiClient (Linux) 6.0.2 is an endpoint product for well-known Linux distributions, and it provides FortiTelemetry, Antivirus, and Vulnerability Scan features. FortiClient (Linux) can also download and use FortiSandbox signatures.

This document provides a summary of support information and installation instructions for FortiClient (Linux) 6.0.2 build 0058.

- Introduction
- [What's New in FortiClient \(Linux\) 6.0.2](#)
- [Installation Information](#)
- [Product Integration and Support](#)
- [Resolved Issues](#)
- [Known Issues](#)

Review all sections prior to installing FortiClient.

What's New in FortiClient (Linux) 6.0.2

This section identifies the new features and enhancements in FortiClient (Linux) 6.0.2. For more information, see the *FortiClient Administration Guide*.

Display notification messages

FortiClient (Linux) displays a notification or bubble message when:

- Antivirus or Vulnerability Scan engine or signature updates successfully, or an attempt to update fails
- A scheduled Antivirus or Vulnerability Scan starts to run
- EMS-requested Antivirus or Vulnerability Scan runs
- FortiClient (Linux) receives new configuration from FortiGate or EMS

Installation Information

Installing FortiClient (Linux)

You can install FortiClient (Linux) on the following operating systems:

- Red Hat
- CentOS
- Ubuntu

For supported versions, see [Product Integration and Support](#) on page 10.



To install a FortiClient (Linux) 6.0.2 RPM package, you must first uninstall any earlier version of FortiClient (Linux) installed. It is not supported to upgrade to FortiClient (Linux) 6.0.2 using the RPM package.

Installing FortiClient (Linux) from repo.fortinet.com

You can install FortiClient (Linux) from the repository at repo.fortinet.com.

Installing on Red Hat or CentOS

1. Add the repository by using the following command:

```
sudo yum-config-manager --add-repo http://repo.fortinet.com/repo/centos/7/os/x86_64/fortinet.repo
```

2. Install FortiClient by using the following command:

```
sudo yum install forticlient
```

Installing on Ubuntu

1. Install the gpg key by using the following command:

```
wget -O - http://repo.fortinet.com/repo/ubuntu/DEB-GPG-KEY | sudo apt-key add -
```

2. Add the following line in `/etc/apt/sources.list`:

```
deb [arch=amd64] http://repo.fortinet.com/repo/ubuntu/ xenial multiverse
```

3. Update package lists by using the following command:

```
sudo apt-get update
```

4. Install FortiClient by using the following command:

```
sudo apt install forticlient
```

Installing FortiClient (Linux) using a downloaded installation file

Installing on Red Hat or CentOS

1. Obtain a FortiClient Linux installation rpm file.
2. In a terminal window, run the following command:

```
$ sudo yum install <FortiClient installation rpm file> -y
```

 <FortiClient installation rpm file> is the full path to the downloaded rpm file.

Installing on Ubuntu

1. Obtain a FortiClient Linux installation deb file.
2. Install FortiClient using the following command:

```
$ sudo apt-get install <FortiClient installation deb file>
```

 <FortiClient installation deb file> is the full path to the downloaded deb file.
 If installing FortiClient on Ubuntu 17.10 or 18.04, install the dependencies: libgconf2-4 and libgconf2-4 by using the following command:

```
$ sudo apt-get install <FortiClient deb file> libgconf2-4 libgconf2-4
```

Installation folder and running processes

FortiClient installation folder is /usr/bin/forticlient.

config.xml is in /etc/forticlient

In case there are issues, or to report a bug, FortiClient logs are available in /var/log/forticlient.

```

forticlient : bash - Konsole
File Edit View Bookmarks Settings Help
[qa@localhost Downloads]$ cd /usr/bin/forticlient/
[qa@localhost forticlient]$ ls -al
total 13616
drwxr-xr-x. 9 root root 4096 Sep 26 09:58 .
dr-xr-xr-x. 3 root root 45056 Sep 26 09:57 ..
drwxr-xr-x. 2 root root 60 Sep 26 09:57 certs
-rwx-----. 1 root root 967176 Sep 25 12:09 fcthelper
-rwxr-xr-x. 1 root root 1504568 Sep 25 12:09 fctached
-rwxr-xr-x. 1 root root 1410872 Sep 25 12:09 fmon
-rwxr-xr-x. 1 root root 858352 Sep 25 12:09 fortitray
-rwxr-xr-x. 3 root root 35 Sep 26 09:57 gui
-rwxr-xr-x. 1 root root 71152 Sep 25 12:09 quickchannel.node
-rwxr-xr-x. 1 root root 343872 Sep 25 12:09 quinesseger.node
drwxr-xr-x. 2 root root 69 Sep 26 09:57 images
-rwxr-xr-x. 1 root root 2924168 Sep 25 12:09 libav.so
drwxr-xr-x. 2 root root 24 Sep 26 09:58 Logs
drwxr-xr-x. 2 root root 6 Sep 25 12:09 quarantine
-rwxr-xr-x. 1 root root 1081976 Sep 25 12:09 scannit
-rw-r--r--. 1 root root 37 Sep 26 09:58 schtasks.json
-rwxr-xr-x. 1 root root 4649352 Sep 25 12:09 update
-rwxr-xr-x. 2 root root 41 Sep 26 09:57 vir_sig
-rw-r--r--. 1 root root 29742 Sep 25 12:09 Windows-exported-b1075.xml
drwxr-xr-x. 2 root root 25 Sep 26 09:57 XMLs
[qa@localhost forticlient]$
  
```

Some running processes /usr/bin/forticlient include:

- fctsched
- fortitray
- FortiClient
- epctrl

Uninstalling FortiClient (Linux)

Use the following procedure to uninstall FortiClient (Linux) from Red Hat or CentOS operating systems.

To uninstall FortiClient:

1. In a terminal window, run the following command:

```
$ sudo yum remove forticlient
```

Use the following procedure to uninstall FortiClient (Linux) from Ubuntu operating systems.

To uninstall FortiClient:

1. In a terminal window, run the following command:

```
$ sudo apt-get remove forticlient
```

Product Integration and Support

FortiClient 6.0.2 support

The following table lists version 6.0.2 product integration and support information.

FortiClient 6.0.2 support information

Operating Systems	<ul style="list-style-type: none">• Ubuntu 16.04 and later• Red Hat 7.4 and later• CentOS 7.4 and later with KDE or GNOME
FortiClient EMS	<ul style="list-style-type: none">• 6.0.0 and later
FortiOS	<ul style="list-style-type: none">• 6.0.0 and later• 5.6.0 and later
FortiSandbox	<ul style="list-style-type: none">• 3.0.0• 2.5.0 and later• 2.4.0 and later• 2.3.3 and later

Resolved Issues

The following issues have been fixed in version 6.0.2. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Endpoint Control

Bug ID	Description
482743	Remember FortiClient Telemetry connection key does not work.
506542	Endpoint Control keeps crashing on Ubuntu 16.04.
509230	FortiClient (could not get) does not report MAC to EMS - CentOS 7.5.

Vulnerability Scan

Bug ID	Description
506556	In FortiClient Vulnerability Scan page, "last scan" always shows "never scanned".

GUI

Bug ID	Description
504743	FortiClient console shows it's a full scan when starting a quick scan from EMS.
508722	FortiClient displays wrong scan percentage during custom scan

Known Issues

The following issues have been identified in FortiClient (Linux) 6.0.2. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

Malware Protection

Bug ID	Description
503202	FortiClient does not report AV events to EMS.
510292	FortiClient sends the wrong serial number and version number to sandbox in the OFTP messages.
510336	FortiClient does not send EMS serial number in OFTP message to Sandbox.

GUI

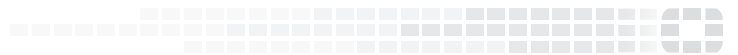
Bug ID	Description
506389	FortiClient shows "Vulnerabilities scanned 0" during patching.

Other

Bug ID	Description
495409	FortiClient does not start vulnerability scan when it gets a signature update.



FORTINET®



Copyright© 2018 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., in the U.S. and other jurisdictions, and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. In no event does Fortinet make any commitment related to future deliverables, features or development, and circumstances may change such that any forward-looking statements herein are not accurate. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.